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E.Hall

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Technology Center 2100

In re Application of

Levanoni, et al.

Serial No.: 09/809,577

Group Art Unit: 2121

Filed: March 15, 2001

Examiner: Pham, T. K.

For: DYNAMIC TECHNIQUES FOR CUSTOM-FIT KNEE REPLACEMENTS

Commissioner of Patents
Alexandria, Virginia 22313-1450**AMENDMENT UNDER 37 C.F.R. §1.111**

Sir:

In response to the Office Action dated July 9, 2003, for the above-identified Application, please amend the Application as follows.

IN THE SPECIFICATION

Please amend the specification, as follows:

Add the following paragraph at the bottom of page 5, as follows:

One of ordinary skill in the art will recognize that various techniques and variations can be utilized in the processing of the data to develop the model. For example, interpolation techniques can be used to completely map stresses and accelerations experienced by the knee over a period of time. Additionally, the virtual orthodic model can be updated using an interpolated map obtained from the interpolation techniques, thereby providing an optimal design for the virtual orthodic. Moreover, one of ordinary skill in the art will recognize that regression, expert systems, or fuzzy logic techniques could be used as part of the modeling process.

10/15/2003 MBELETE1 00000110 500510 09809577

01 FC:1201 86.00 DA
02 FC:1202 18.00 DA

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IBM Docket: YOR920010163US1